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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Date: January 11, 2005

Serial No.: N/A

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Applicant: SHALLCROSS, Kim

Title: METHOD AND DEVICE FOR KILLING BACTERIA, VIRUSES, FUNGUS, PARASITES AND WORMS IN WATER AND FOOD WITH A ROTATING MAGNET

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL LABEL NO.  
EV 302032769 US

Sir:

**PRELIMINARY AMENDMENT**

Please enter the following Preliminary Amendment to the above-referenced case.

Please cancel original claims 1-11 and enter new claims 12-31.

12. (New) A device for purifying water and other substrates from pathogens selected from the group consisting of bacteria, viruses, fungi, parasites, and worms, comprising:  
at least one magnet mounted for rotation on a shaft; and  
means to rotate said shaft.

13. (New) A device as claimed in claim 12 wherein said magnets are radially oriented relative to the axis of rotation of said shaft.

14. (New) A device as claimed in claim 13 wherein said magnets are mounted in a block mounted on said shaft co-axially therewith.

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15. (New) A device as claimed in claim 14 wherein said magnets are mounted in rows on axial facets of said block.

16. (New) A device as claimed in claim 15 including six said facets.

17. (New) A device as claimed in claim 15 wherein the magnets in each row are similarly north/south oriented.

18. (New) A device as claimed in claim 12 wherein said magnets are neodymium magnets.

19. (New) A device as claimed in claim 12 wherein said magnets are neodymium-boron-iron magnets.

20. (New) A device as claimed in claim 12 wherein said magnets are electromagnets.

21. (New) A device for purifying water and other substrates from pathogens selected from the group consisting of bacteria, viruses, fungi, parasites, and worms, comprising:

    a plurality of magnets are mounted for rotation on a shaft; and  
    means to rotate said shaft.

22. (New) A device as claimed in claim 21 wherein said magnets are radially oriented relative to the axis of rotation of said shaft.

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23. (New) A device as claimed in claim 22 wherein said magnets are mounted in a block mounted on said shaft co-axially therewith.

24. (New) A device as claimed in claim 23 wherein said magnets are mounted in rows on axial facets of said block.

25. (New) A device as claimed in claim 24 including six said facets.

26. (New) A device as claimed in claim 24 wherein the magnets in each row are similarly north/south oriented.

27. (New) A device as claimed in claim 26 including six said facets.

28. (New) A device as claimed in claim 21 wherein said magnets are neodymium magnets.

29. (New) A device as claimed in claim 21 wherein said magnets are neodymium-boron-iron magnets.

30. (New) A device as claimed in claim 21 wherein said magnets are electromagnets.

31. (New) A method of purifying water or any other substrate comprising:  
providing a device comprising;

at least one magnet mounted for rotation on a shaft,  
means to rotate said shaft,

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rotating said shaft, and

bringing water or other substrate into proximity with said at least one magnet.

Respectfully submitted,



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